

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
8 April 2004 (08.04.2004)

PCT

(10) International Publication Number
WO 2004/028477 A2

(51) International Patent Classification⁷:

A61K

(74) Agent: DALEY, William, J., Jr.; Edwards & Angell, LLP;
P.O. Box 9169, Boston, MA 02209 (US).

(21) International Application Number:

PCT/US2003/030716

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date:

29 September 2003 (29.09.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/414,782 29 September 2002 (29.09.2002) US
60/467,291 2 May 2003 (02.05.2003) US

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (for all designated States except US): INNORX, INC. [US/US]; 56 St. Joseph St., 601 Regions Bank Bldg., P.O. Box 2846, Mobile, AL 36602 (US).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO

2004/028477 A2

(54) Title: METHOD FOR SUBRETINAL ADMINISTRATION OF THERAPEUTICS INCLUDING STERIODS; METHOD FOR LOCALIZING PHARMACODYNAMIC ACTION AT THE CHOROID AND THE RETINA; AND RELATED METHODS FOR TREATMENT AND/OR PREVENTION OF RETINAL DISEASES

(57) Abstract: Featured is a methodology for administering a therapeutic medium to the posterior segment of an eye including instilling or disposing the therapeutic medium sub-retinally. In particular embodiments, the therapeutic medium is disposed in a sub retinal space. Such instillation being accomplished by one of injection or implantation of the therapeutic medium sub-retinally or the sub-retinal space. In other aspects, the methodology further includes forming a limited retinal detachment so as to define the sub-retinal space as well as methods for treating an eye by sub-retinally administering a therapeutic medium.